

[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#) | [Search Form](#) | [Posting Counts](#) | [Show S Numbers](#) | [Edit S Numbers](#) | [Preferences](#)**Search Results -**

Terms	Documents
l7 and viewpoint	25

Database: [US Patents Full Text Database](#)[JPO Abstracts Database](#)
[EPO Abstracts Database](#)
[Derwent World Patents Index](#)
[IBM Technical Disclosure Bulletins](#)[Refine Search:](#)[Clear](#)**Search History****Today's Date: 9/23/2000**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,JPAB,EPAB,DWPI,TDBD	l7 and viewpoint	25	L8
USPT,JPAB,EPAB,DWPI,TDBD	l6 and rotate	62	L7
USPT,JPAB,EPAB,DWPI,TDBD	l5 and texture mapping	351	L6
TDBD,DWPI,EPAB,JPAB,USPT	image data	124082	L5
TDBD,DWPI,EPAB,JPAB,USPT	full surround	14	L4
TDBD,DWPI,EPAB,JPAB,USPT	(5027287 5115494 5134521 5185667 5200818 5210626 5262777 5265172 5268998 5305430 5322441 5325472 5359363 5384588 5396583)![pn]	42	L3
TDBD,DWPI,EPAB,JPAB,USPT	(0785914 3060596 3725563 4127849 4474501 4489389 4599615 4609916 4634384 4660157 4667236 4694434 4721952 4734690 4747527 4752828 4754269 4763280 4790028 4807158 4819192 4821209 4862388 4882679 4984179 4985762 5027287 5115494 5134521 5185667 5200818 5210626 5262777 5265172 5268998 5305430 5322441 5325472 5359363 5384588 5396583)![pn]	117	L2
TDBD,DWPI,EPAB,JPAB,USPT	5936630.PN.!	2	L1

Generate Collection**Search Results - Record(s) 1 through 10 of 25 returned.** **1. Document ID: US 6104405 A**

L8: Entry 1 of 25

File: USPT

Aug 15, 2000

US-PAT-NO: 6104405

DOCUMENT-IDENTIFIER: US 6104405 A

TITLE: Systems, methods and computer program products for converting image data to nonplanar image data[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KOMC](#) | [Drawn Desc](#) | [Image](#) **2. Document ID: US 6100862 A**

L8: Entry 2 of 25

File: USPT

Aug 8, 2000

US-PAT-NO: 6100862

DOCUMENT-IDENTIFIER: US 6100862 A

TITLE: Multi-planar volumetric display system and method of operation

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KOMC](#) | [Drawn Desc](#) | [Image](#) **3. Document ID: US 6097854 A**

L8: Entry 3 of 25

File: USPT

Aug 1, 2000

US-PAT-NO: 6097854

DOCUMENT-IDENTIFIER: US 6097854 A

TITLE: Image mosaic construction system and apparatus with patch-based alignment, global block adjustment and pair-wise motion-based local warping

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KOMC](#) | [Drawn Desc](#) | [Image](#) **4. Document ID: US 6045446 A**

L8: Entry 4 of 25

File: USPT

Apr 4, 2000

US-PAT-NO: 6045446

DOCUMENT-IDENTIFIER: US 6045446 A

TITLE: Object-throwing video game system

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KOMC](#) | [Drawn Desc](#) | [Image](#) **5. Document ID: US 6020931 A**

US-PAT-NO: 6020931

DOCUMENT-IDENTIFIER: US 6020931 A

TITLE: Video composition and position system and media signal communication system

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KOMC](#) | [Draw. Desc](#) | [Image](#) 6. Document ID: US 5977987 A

L8: Entry 6 of 25

File: USPT

Nov 2, 1999

US-PAT-NO: 5977987

DOCUMENT-IDENTIFIER: US 5977987 A

TITLE: Method and apparatus for span and subspan sorting rendering system

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KOMC](#) | [Draw. Desc](#) | [Image](#) 7. Document ID: US 5971853 A

L8: Entry 7 of 25

File: USPT

Oct 26, 1999

US-PAT-NO: 5971853

DOCUMENT-IDENTIFIER: US 5971853 A

TITLE: Object direction control method and apparatus

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KOMC](#) | [Draw. Desc](#) | [Image](#) 8. Document ID: US 5966132 A

L8: Entry 8 of 25

File: USPT

Oct 12, 1999

US-PAT-NO: 5966132

DOCUMENT-IDENTIFIER: US 5966132 A

TITLE: Three-dimensional image synthesis which represents images differently in multiple three dimensional spaces

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KOMC](#) | [Draw. Desc](#) | [Image](#) 9. Document ID: US 5963215 A

L8: Entry 9 of 25

File: USPT

Oct 5, 1999

US-PAT-NO: 5963215

DOCUMENT-IDENTIFIER: US 5963215 A

TITLE: Three-dimensional browsing of multiple video sources

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KOMC](#) | [Draw. Desc](#) | [Image](#)

10. Document ID: US 5951475 A

L8: Entry 10 of 25

File: USPT

Sep 14, 1999

US-PAT-NO: 5951475

DOCUMENT-IDENTIFIER: US 5951475 A

TITLE: Methods and apparatus for registering CT-scan data to multiple fluoroscopic images

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMM](#) | [Draw Desc](#) | [Image](#)

[Generate Collection](#)

Terms	Documents
I7 and viewpoint	25

[Display](#)

[10](#) Documents, starting with Document: [11](#)

[Display Format:](#) [TI](#) [Change Format](#)

[Generate Collection](#)**Search Results - Record(s) 11 through 20 of 25 returned.** **11. Document ID: US 5947819 A**

L8: Entry 11 of 25

File: USPT

Sep 7, 1999

US-PAT-NO: 5947819

DOCUMENT-IDENTIFIER: US 5947819 A

TITLE: Object-throwing video game system

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#) **12. Document ID: US 5920319 A**

L8: Entry 12 of 25

File: USPT

Jul 6, 1999

US-PAT-NO: 5920319

DOCUMENT-IDENTIFIER: US 5920319 A

TITLE: Automatic analysis in virtual endoscopy

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#) **13. Document ID: US 5912671 A**

L8: Entry 13 of 25

File: USPT

Jun 15, 1999

US-PAT-NO: 5912671

DOCUMENT-IDENTIFIER: US 5912671 A

TITLE: Methods and apparatus for synthesizing a three-dimensional image signal and producing a two-dimensional visual display therefrom

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#) **14. Document ID: US 5905499 A**

L8: Entry 14 of 25

File: USPT

May 18, 1999

US-PAT-NO: 5905499

DOCUMENT-IDENTIFIER: US 5905499 A

TITLE: Method and system for high performance computer-generated virtual environments

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#) **15. Document ID: US 5856829 A**

US-PAT-NO: 5856829

DOCUMENT-IDENTIFIER: US 5856829 A

TITLE: Inverse Z-buffer and video display system having list-based control mechanism for time-deferred instructing of 3D rendering engine that also responds to supervisory immediate commands

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#) 16. Document ID: US 5818420 A

L8: Entry 16 of 25

File: USPT

Oct 6, 1998

US-PAT-NO: 5818420

DOCUMENT-IDENTIFIER: US 5818420 A

TITLE: 3D object graphics display device, 3D object graphics display method, and manipulator for 3D object graphics display

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#) 17. Document ID: US 5797849 A

L8: Entry 17 of 25

File: USPT

Aug 25, 1998

US-PAT-NO: 5797849

DOCUMENT-IDENTIFIER: US 5797849 A

TITLE: Method for carrying out a medical procedure using a three-dimensional tracking and imaging system

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#) 18. Document ID: US 5766079 A

L8: Entry 18 of 25

File: USPT

Jun 16, 1998

US-PAT-NO: 5766079

DOCUMENT-IDENTIFIER: US 5766079 A

TITLE: Object direction control method and apparatus

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#) 19. Document ID: US 5754618 A

L8: Entry 19 of 25

File: USPT

May 19, 1998

US-PAT-NO: 5754618

DOCUMENT-IDENTIFIER: US 5754618 A

TITLE: Image processing apparatus and image processing method for favorably enhancing continuous boundaries which are affected by noise

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

20. Document ID: US 5719599 A

L8: Entry 20 of 25

File: USPT

Feb 17, 1998

US-PAT-NO: 5719599

DOCUMENT-IDENTIFIER: US 5719599 A

TITLE: Method and apparatus for efficient digital modeling and texture mapping

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KOMC](#) | [Draw. Desc](#) | [Image](#)

Terms	Documents
I7 and viewpoint	25

Documents, starting with Document:

Display Format:

Generate Collection**Search Results - Record(s) 21 through 25 of 25 returned.** **21. Document ID: US 5714997 A**

L8: Entry 21 of 25

File: USPT

Feb 3, 1998

US-PAT-NO: 5714997

DOCUMENT-IDENTIFIER: US 5714997 A

TITLE: Virtual reality television system

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KIMC](#) | [Draw Desc](#) | [Image](#) **22. Document ID: US 5687307 A**

L8: Entry 22 of 25

File: USPT

Nov 11, 1997

US-PAT-NO: 5687307

DOCUMENT-IDENTIFIER: US 5687307 A

TITLE: Computer graphic animation in which texture animation is independently performed on a plurality of objects in three-dimensional space

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KIMC](#) | [Draw Desc](#) | [Image](#) **23. Document ID: US 5561745 A**

L8: Entry 23 of 25

File: USPT

Oct 1, 1996

US-PAT-NO: 5561745

DOCUMENT-IDENTIFIER: US 5561745 A

TITLE: Computer graphics for animation by time-sequenced textures

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KIMC](#) | [Draw Desc](#) | [Image](#) **24. Document ID: US 5420940 A**

L8: Entry 24 of 25

File: USPT

May 30, 1995

US-PAT-NO: 5420940

DOCUMENT-IDENTIFIER: US 5420940 A

TITLE: CGSI pipeline performance improvement

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KIMC](#) | [Draw Desc](#) | [Image](#) **25. Document ID: US 5396583 A**

L8: Entry 25 of 25

File: USPT

Mar 7, 1995

US-PAT-NO: 5396583

DOCUMENT-IDENTIFIER: US 5396583 A

TITLE: Cylindrical to planar image mapping using scanline coherence

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KOMC](#) | [Drawn Desc](#) | [Image](#)

[Generate Collection](#)

Terms

Documents

17 and viewpoint

25

[Display](#)

10

Documents, starting with Document:

25

Display Format:

TI

[Change Format](#)



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Visualization '97., Proceedings , 1997

Page(s): 433 -436, 571

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 [Standards](#)

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visual world

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1 Nonlinear operator for oriented texture

Kruizinga, P.; Petkov, N.

Image Processing, IEEE Transactions on , Volume: 8 Issue: 10 , Oct. 1999

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2 Virtual worlds using computer vision

Narayanan, P.J.; Kanade, T.

Computer Vision for Virtual Reality Based Human Communications, 1998. Proceedings 1998 IEEE and ATR Workshop on , 1998

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3 How we see

Andersen, R.A.

Aerospace Conference, 1998 IEEE , Volume: 1 , 1998

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4 Probabilistic modeling of local appearance and spatial relationships for object recognition

Schneiderman, H.; Kanade, T.

Computer Vision and Pattern Recognition, 1998. Proceedings. 1998 IEEE Computer Society Conference on , 1998

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5 Orthodontics measurements using computer vision

Yamany, S.M.; Farag, A.A.; Mohamed, N.A.

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Page(s): 536 -539 vol.2

6 Do images mean anything?

Santini, S.; Jain, R.

Image Processing, 1997. Proceedings., International Conference on , Volume: 1 , 199

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7 Learning to see

Poggio, T.; Beymer, D.

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8 Conceptual visual human algorithms: requirement-driven skiing algorithm design

Kunii, T.L.

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9 Strategies for visual navigation, target detection and camouflage: inspirations from insect vision

Srinivasan, M.V.

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10 Image classification system based on cortical representations and unsupervised neural network learning

Petkov, N.

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11 From visual data to multimedia presentations

Andre, E.; Herzog, G.; Rist, T.

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12 Recognition of flexible objects

Carlson, R.

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13 Portable imaging polarimeters

Cronin, T.W.; Shashar, N.; Wolff, L.

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14 What can engineers learn from insect vision?

Horridge, G.A.

Systems, Man and Cybernetics, 1993. 'Systems Engineering in the Service of Humans Conference Proceedings., International Conference on , 1993

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15 Virtual reality and telepresence: visual worlds from non-visual sensors

Stone, R.J.; King, I.; Dalton, G.; Weaver, I.

Real World Visualisation - Virtual World - Virtual Reality, IEE Colloquium on , 1991

Page(s): 3/1 -3/6

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

[1](#) [2](#) [\[Next\]](#)

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